MUHAMMAD ADIL IFTIKHAR

MIFTIKHA@CALPOLY.EDU

408-380-9600

1025 E. FOOTHILL #7, SAN LUIS OBISPO, CA 93405

A3 Engineering Hiring Team

Dear A3 Engineering Hiring Team,

I am writing to express my strong interest in the Summer Intern position at A3 Engineering. As a second-year Electrical Engineering student at California Polytechnic State University, San Luis Obispo, with a 3.5 GPA, I have developed a solid foundation in circuit design, 3D modeling, and engineering problem-solving that aligns closely with the qualifications you're seeking.

In my coursework and projects, I have cultivated a hands-on understanding of designing and implementing electrical systems. Most recently, I led the development of the *Lebron James' Legacy* project—a Rube Goldberg Machine integrating capacitive-touch piano, strobe light, and metal detector circuits. Through this experience, I gained proficiency in breadboarding, RC and RLC circuit analysis, and system integration while using Autodesk Fusion 360 to design custom mechanical components. These skills not only reflect my technical aptitude but also demonstrate my ability to collaborate effectively in a team environment.

Additionally, my position as an Undergraduate Research Assistant has strengthened my ability to troubleshoot and optimize system performance, while further enhancing my written and verbal communication skills. I am eager to apply my proactive attitude and technical expertise to contribute meaningfully to A3 Engineering's mission of delivering innovative design solutions.

I am particularly excited about the opportunity to work with Revit and BIM360 at A3 Engineering, as I am eager to expand my knowledge of industry-standard tools while working alongside experienced professionals. Your commitment to collaborative engineering and fostering growth aligns perfectly with my professional goals.

Thank you for considering my application. I would welcome the opportunity to discuss how my skills and experiences can contribute to your team.

Sincerely,

Muhammad Adil Iftikhar